

ABSTRACT

The invention relates to an apparatus for introducing a biological material, a method of introducing a biological material, and a magnetic support for introducing a biological material with the object of providing an apparatus for introducing a biological material, a method of introducing a biological material, and a magnetic support for introducing a biological material whereby a biological material can be efficiently introduced into a host.

The invention comprises: one or more packing units in which a mixture solution containing a large number of magnetic supports carrying a biological material to be introduced into a host such as cells upon using, together with a large number of the hosts in a liquid is pooled; and an introduction treatment unit in which a magnetic force affecting the inside of the packing unit is controlled so as to move the magnetic supports relatively with respect to the host so that the biological material can be introduced into the host.